URBAN DESIGN
FINAL PORTFOLIO

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FINAL:
NEWTOWN CREEK LANDING & PARK

(with andrea partneio)

The design of this project aims to weave the neighborhood street grid through the development to ensure easy access to the proposed waterfront park and promenade. The development encompasses eight stand-alone buildings, with two residential towers sited along the site's eastern edge with a shared platform. The building program is as follows:

Residential: 50%
Office: 20%
Retail: 10%
Entertainment/recreation: 20%

Parking structures are located underground on the south side of the lot. The real focal point of the site is its expansive waterfront park, stretching along the entirety of its adjacent edge with Newtown Creek, connecting the community seamlessly with the water edge. The continuous nature of the park is also meant to promote connectivity across the site and between two main points of interest in the neighborhood with Kingsland Nature Walk at the site's eastern edge and the pedestrian connection to the Pulaski Bridge to the west. The park was designed to consider the flood-prone nature of the site and employs a number of resilient strategies to ensure its viability in the face of climate change impacts.

PERSPECTIVE 1

view from newtown creek @ riprap

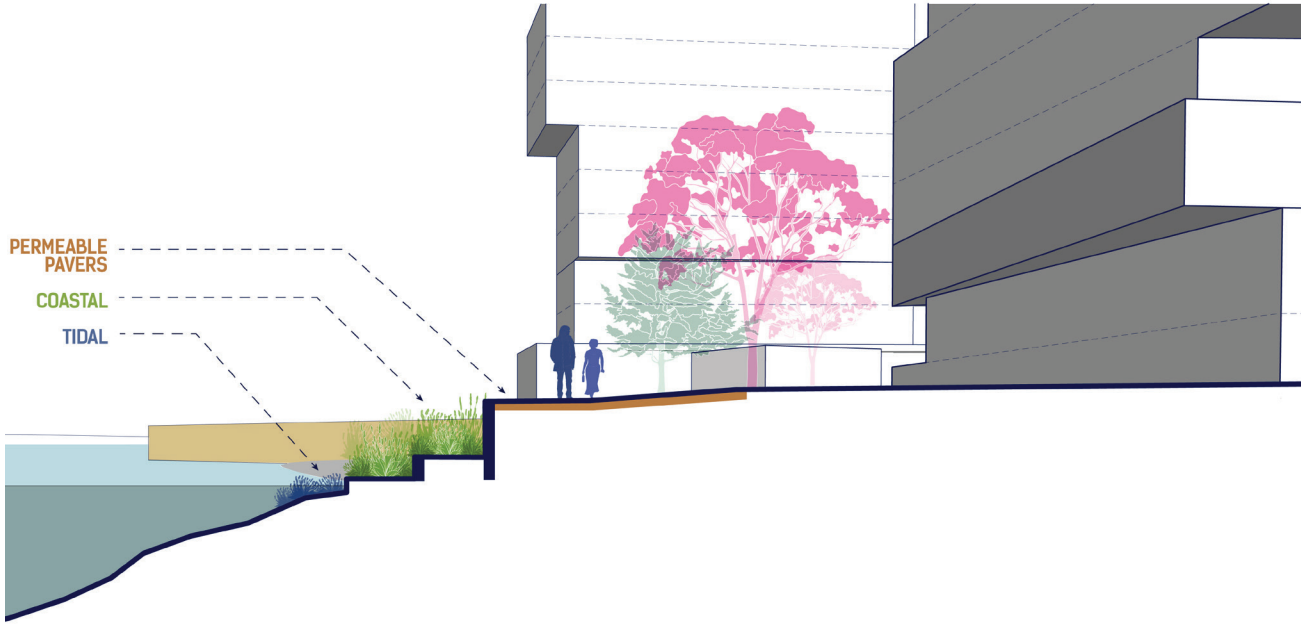
PERSPECTIVE 2

waterfront promenade, looking east

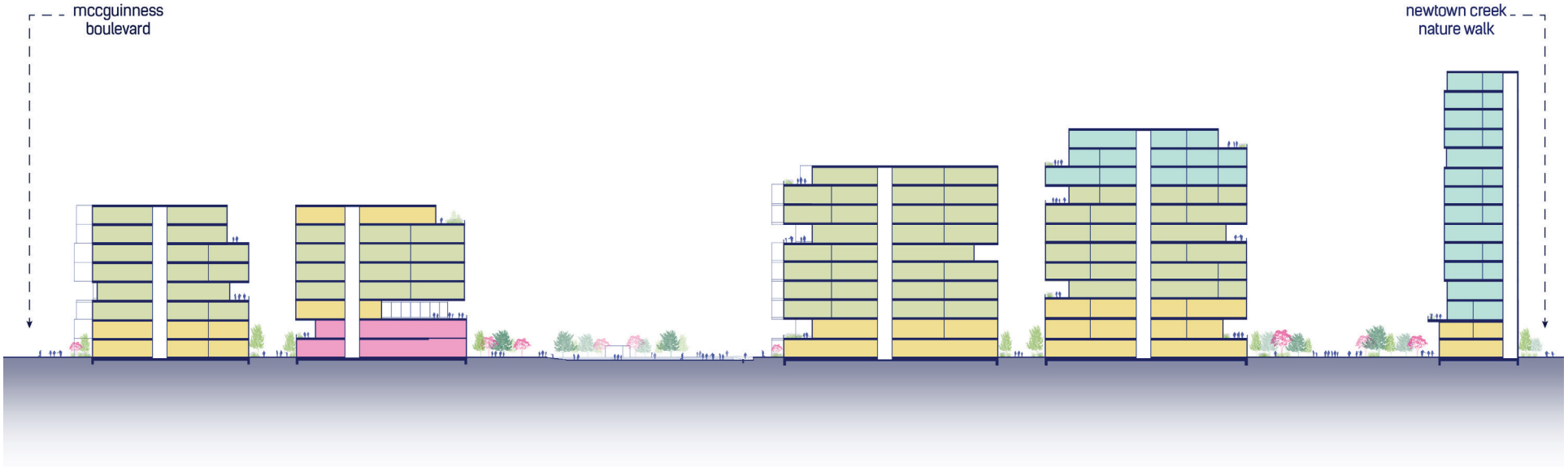
SITE PLAN

A close-up section of the waterfront, at Section A-A, reveals an ecologically-friendly approach to mitigating flood risk near the water's edge. Tiers of different types of native plantings helps to naturally protect the site from storm surge and pollution within Newtown Creek, while also providing additional habitat for local wildlife. Permeable pavers line the occupiable walk along the water's edge, allowing flood and rain water to absorb to the soil below. The waterfront plantings contribute to a more pleasant experience at the waterfront, providing a cooling effect and a visually appealing contrast to the industrial surroundings.'

Section B-B reveals one of the parking structures located close to the street. An expansive park space with a range of levels, ramps, lawns and waterfront access points provides the community with a significant amount of space for recreation. Terraces located at different levels provide clear views of the creek and activities below.



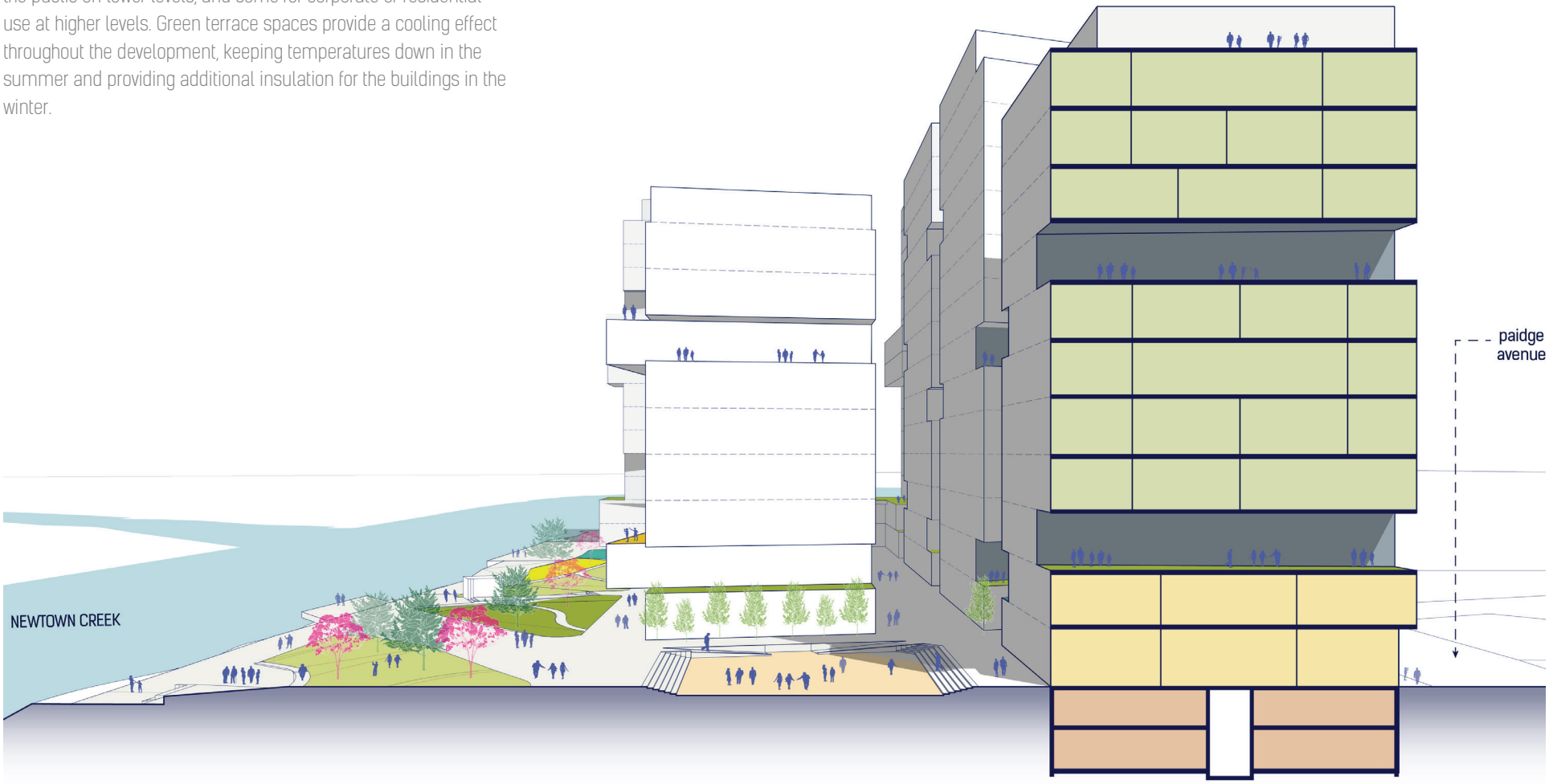
SECTION A-A



SECTION B-B

The longest cross section across the site reveals the wide open spaces between the buildings, open to the public. The central point of the lot features a sunken plaza, that doubles as a detention pool for excess stormwater runoff in the event of a coastal storm or heavy rain event.

Each building features a number of terraces, some available to the public on lower levels, and some for corporate or residential use at higher levels. Green terrace spaces provide a cooling effect throughout the development, keeping temperatures down in the summer and providing additional insulation for the buildings in the winter.



SECTION C-C


0
150
300
600 Feet
PEDESTRIAN CONNECTION TO PULASKI BRIDGE
EXISTING WATERFRONT PARK
KEY SITE LINE
PROJECT BOUNDARY
2050's 100 - YEAR FLOOD

CONTEXT